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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<b>(51) International Patent Classification <sup>6</sup> :</b> <b>C12N 15/12, 15/11, 15/10, C07K 14/47,</b> <b>C12Q 1/68, G01N 33/50, 33/574</b>	<b>A2</b>	<b>(11) International Publication Number:</b> <b>WO 99/19481</b> <b>(43) International Publication Date:</b> 22 April 1999 (22.04.99)
<b>(21) International Application Number:</b> PCT/US98/21276 <b>(22) International Filing Date:</b> 8 October 1998 (08.10.98) <b>(30) Priority Data:</b> 60/062,021 10 October 1997 (10.10.97) US <b>(71) Applicant (for all designated States except US):</b> VAN- DERBILT UNIVERSITY [US/US]; 305 Kirkland Hall, Nashville, TN 37240 (US). <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> RUBIN, Donald, H. [US/US]; 1937 Edenbridge Way, Nashville, TN 37215 (US). ORGAN, Edward, L. [US/US]; 2505 Essex Place, Nashville, TN 37202 (US). DUBOIS, Raymond, N. [US/US]; 281 St. Andrew Drive, Franklin, TN 37064 (US). <b>(74) Agents:</b> KIMPEL, Janice, A. et al.; Needle & Rosenberg, P.C., 127 Peachtree Street, N.E., Atlanta, GA 30303 (US).		<b>(81) Designated States:</b> AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>Without international search report and to be republished upon receipt of that report.</i>
<b>(54) Title:</b> MAMMALIAN GENES INVOLVED IN VIRAL INFECTION AND TUMOR SUPPRESSION  <b>(57) Abstract</b>  The present invention provides methods of identifying cellular genes necessary for viral growth and cellular genes that function as tumor suppressors. Thus, the present invention provides nucleic acids related to and methods of reducing or preventing viral infection or cancer. The invention also provides methods of producing substantially virus-free cell cultures and methods for screening for additional such genes.		